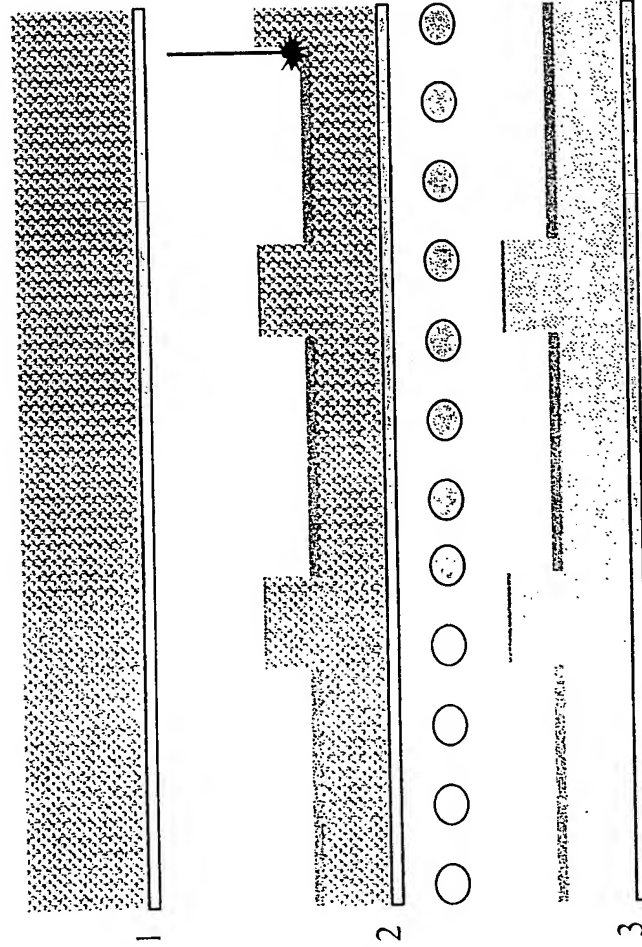


Figure 1: "Thermof foam" Plate Concept



Raw UV curable plate material,
with IR sensitive ~~microspheres~~
microspheres.

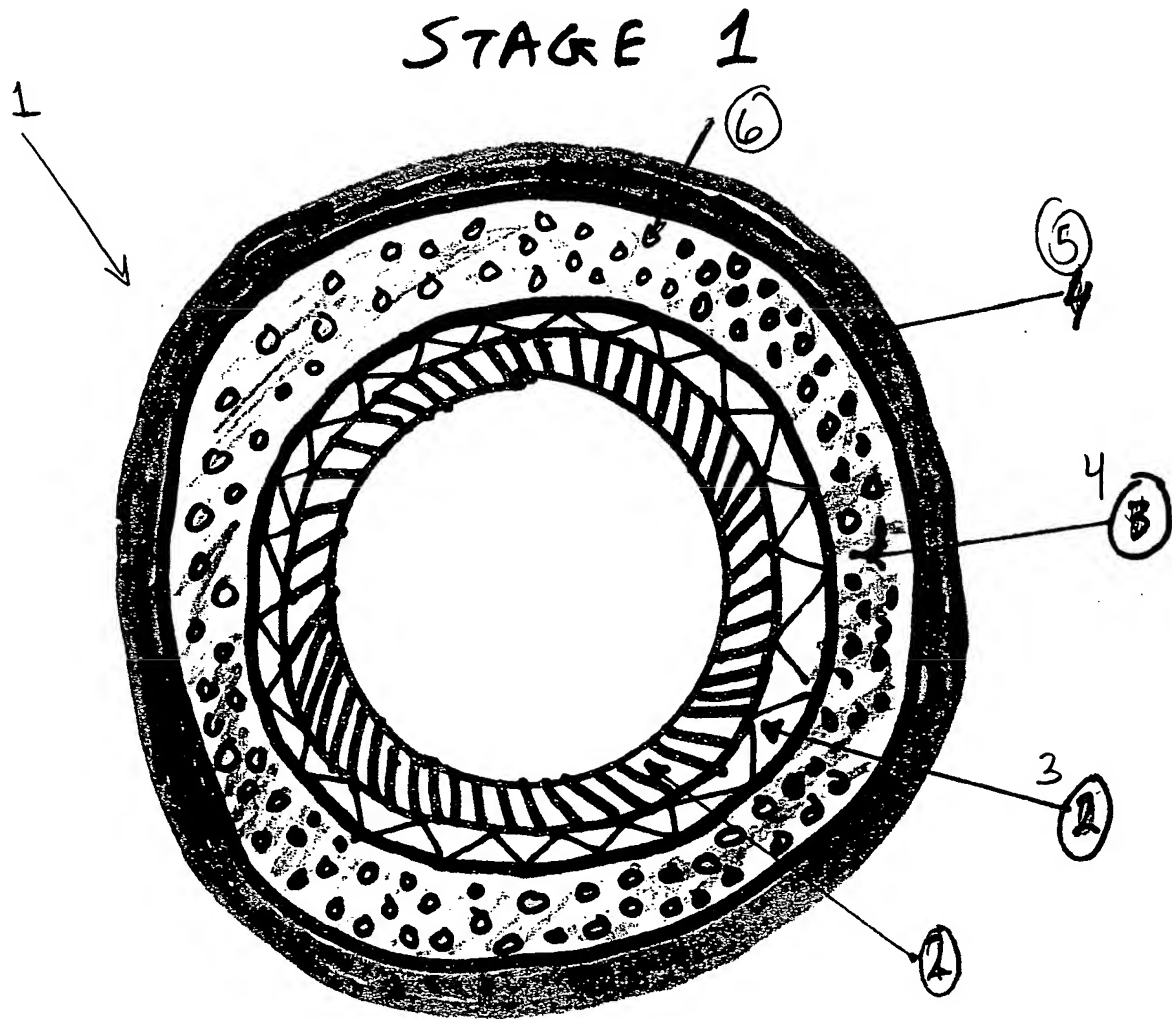
99

IR Laser "collapsing" microspheres
~~microspheres~~ to create relief.

UV post cure to toughen plate
for press usage.

FIG. 1

FIGURE 2 . Manufacture of Processless Digitally Imaged Printing Sleeve



1. Sleeve Carrier : Polymer-glass fiber composite or PET
2. Cured Floor : Photopolymer composition with microspheres. Either cured from top or through the PET Backing

STAGE 2

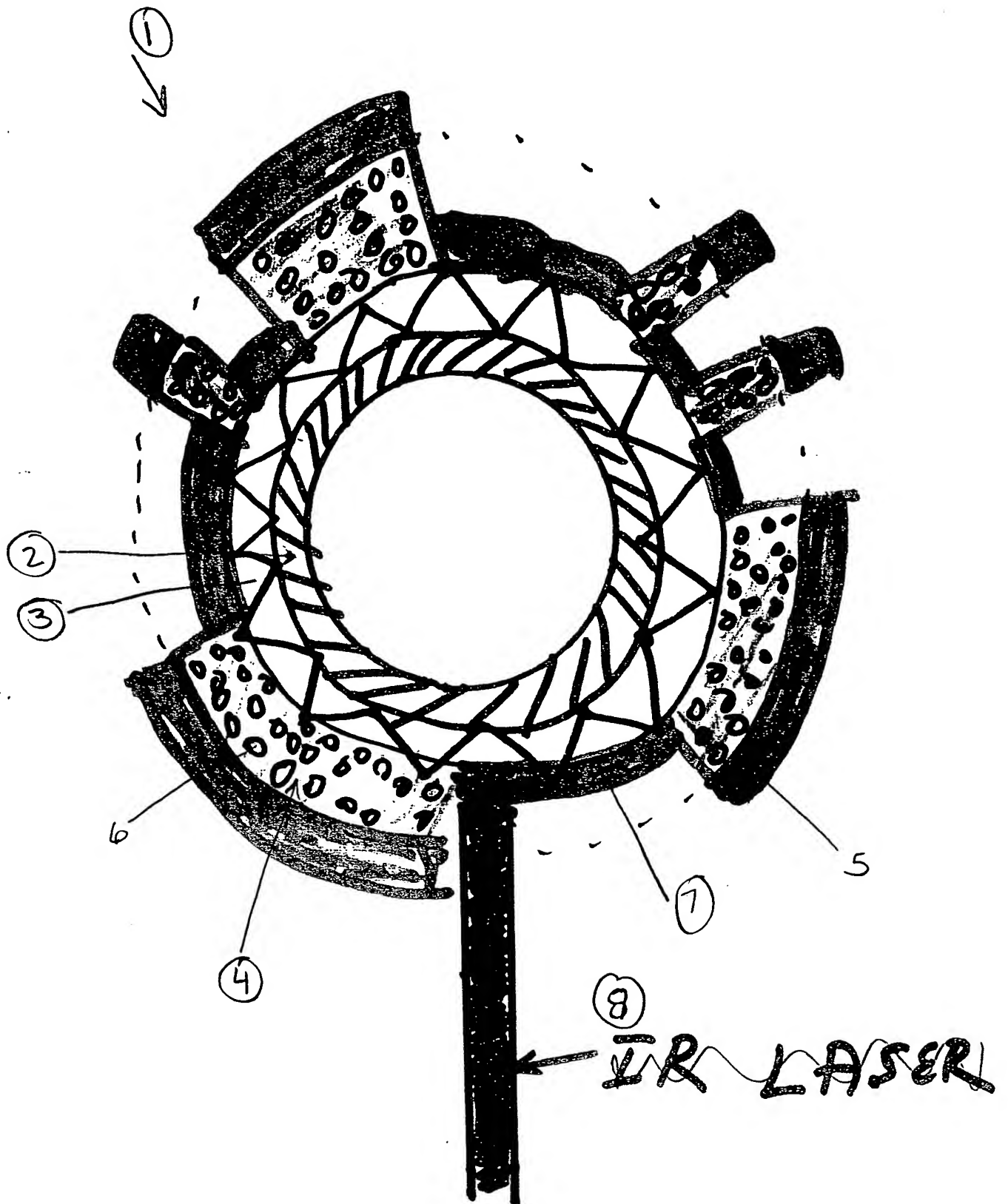
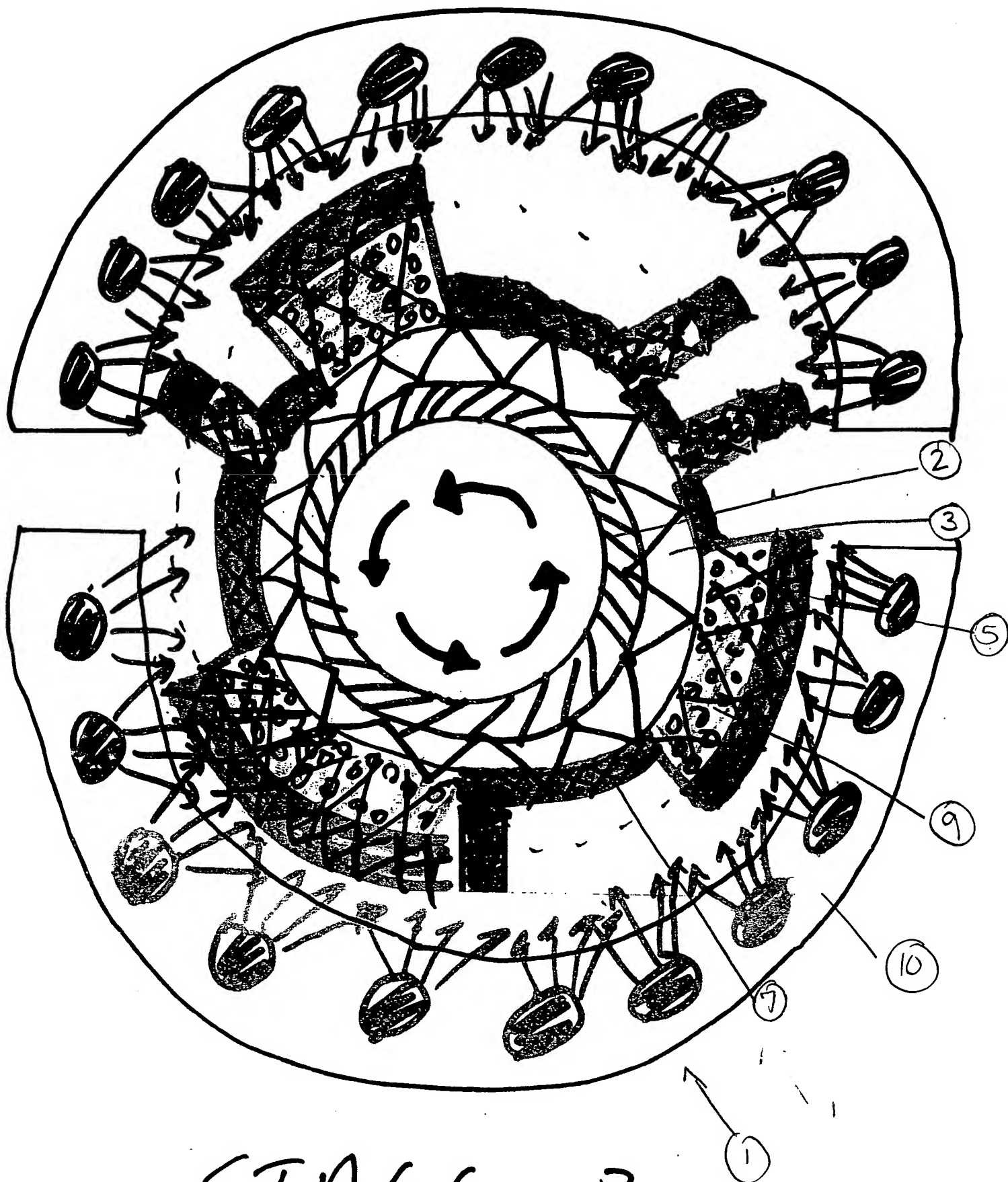


Figure 3.

BEST AVAILABLE COPY



STAGE 3

BEST AVAILABLE COPY

Figure 4